

ABSTRACT

A novel crystal (B-type crystal) of
7-[2-(2-aminothiazol-4-yl)-2-hydroxyiminoacetamide-3-vinyl-
5 3-cephem-4-carboxylic acid (a syn isomer), characterized in that
it exhibits peaks at diffraction angles shown in the following
Table 1, in its powder X ray diffraction pattern:

Table 1

Diffraction Angle 2θ (°)
approximately 11.7
approximately 16.1
approximately 18.6
approximately 21.2
approximately 22.3
approximately 24.4
approximately 26.2

10 This crystal is obtained by forming a crystal from a solution
at a temperature of -5 to 5°C in an acidic state. The crystal
is not bulky, exhibits good stability and good filterability,
and is excellent in the solubility toward water, and thus can
be prepared with ease.

15